

Keynote speech

AI Assisted Confidence based Learning (CBL) and Assessment

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ABSTRACT

In this session design and development of Learning Objects (LO) for technology enable learning has been explored. A scheme for deployment of new 2-D assessment technique for a typical learner is developed. AI assisted assessment of learner from day-to-day activities such as world of work by inclusion of data using LRS is proposed. Content prescription system with micro level granularity by decomposing IO into tasks and Acs along with identification of interdependency of ACs and tasks. Unlike class room teaching design of monitoring method for a learner for improvement at each iterative level is also prescribed. Incorporating Authentic Learning (AL) within CBL for better HR management at organization level is taken care off and finally proposal for a Augmented Confidence Based Learning (ACBL) has also been given.

Index terms— *Learning objects, 2-D assessment technique, Authentic learning, Augmented Confidence Based Learning.*

Speaker's short biography:



Prof. (Dr.) Jyotsna Kumar Mandal (J. K. Mandal) is a renowned professor of Computer Science & Engineering and Vice President of the Institution of Electronics and Telecommunication Engineers (IETE), New Delhi. He was a former Vice-Chancellor at Raiganj University, West Bengal and is currently serving as the Dean of Academics at B. P. Poddar Institute of Management & Technology, Kolkata. Prof. Mandal has contributed to digital infrastructure, including implementing web-based remote library access and wireless connectivity initiatives at the University of Kalyani, where he served as the Dean of the Faculty of Engineering & Technology and Chairman of the Center for Information Resource Management. Prof. Mandal plays a pivotal role in shaping professional engineering standards as the World Convenor of ISO TC1/SC36 WG7 (2024–2026).